L	Hits	Search Text	DB	Time stamp
Number				
-	12	123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/06 16:34
	3	l . 7	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 15:54
-	41	speed)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 16:23
-	2	engine near2 speed)) 123/681.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/05 16:46

- 1	123/301.ccls. and (estimat\$4 or	USPAT;	2002/12/05
	calculat\$4 or predict\$4) same (EGR or	US-PGPUB;	16:49
	exhaust near2 gas near2 recirculation)	EPO; JPO;	
	same valve near5 (clos\$4 or open\$4) and	DERWENT;	
	engine near2 speed not (123/90.15.ccls.	IBM TDB	
	and (estimat\$4 or calculat\$4 or		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		
	(clos\$4 or open\$4) and engine near2		
	speed) not (123/568.14.ccls. and		1
	(estimat\$4 or calculat\$4 or predict\$4)		
	same (EGR or exhaust near2 gas near2		
1	recirculation) same valve near5 (clos\$4		
	or open\$4) and engine near2 speed not		
	(123/90.15.ccls. and (estimat\$4 or		
i i	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed)) not (123/681.ccls.		
	and (estimat\$4 or calculat\$4 or		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		
	(clos\$4 or open\$4) and engine near2 speed		
	not (123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed) not (123/568.14.ccls.		
	and (estimat\$4 or calculat\$4 or		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		
	(clos\$4 or open\$4) and engine near2 speed		
	not (123/90.15.ccls. and (estimat\$4 or		j
1	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed))) not		
	(123/568.21.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed not (123/90.15.ccls.		
	and (estimat\$4 or calculat\$4 or		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		
	(clos\$4 or open\$4) and engine near2		
	speed) not (123/568.14.ccls. and		
	(estimat\$4 or calculat\$4 or predict\$4)		
	same (EGR or exhaust near2 gas near2		
	recirculation) same valve near5 (clos\$4		
	or open\$4) and engine near2 speed not		
	(123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed)))		

7	123/435.ccls. and (estimat\$4 or	USPAT;	2002/12/05
	calculat\$4 or predict\$4) same (EGR or	US-PGPUB;	17:04
	exhaust near2 gas near2 recirculation)	EPO; JPO;	
	same valve near5 (clos\$4 or open\$4) and	DERWENT;	
	engine near2 speed not (123/90.15.ccls.	IBM_TDB	
	and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		
	(clos\$4 or open\$4) and engine near2		
	speed) not (123/568.14.ccls. and		
	(estimat\$4 or calculat\$4 or predict\$4)		
	same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4		
	or open\$4) and engine near2 speed not		
	(123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and	Ì	
	engine near2 speed)) not (123/681.ccls. and (estimat\$4 or calculat\$4 or		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		
	(clos\$4 or open\$4) and engine near2 speed		
	not (123/90.15.ccls. and (estimat\$4 or	1	
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed) not (123/568.14.ccls.		
	and (estimat\$4 or calculat\$4 or		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		
	(clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed))) not		
	(123/568.21.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed not (123/90.15.ccls.		
	and (estimat\$4 or calculat\$4 or		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2		
	speed) not (123/568.14.ccls. and		
	(estimat\$4 or calculat\$4 or predict\$4)		
	same (EGR or exhaust near2 gas near2		
	recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not	1	
	(123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and]
	engine near2 speed))) not (123/301.ccls.		
	and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		
	(clos\$4 or open\$4) and engine near2 speed		
	not (123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and		
	engine near2 speed) not (123/568.14.ccls.		
	and (estimat\$4 or calculat\$4 or		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5		1
	(clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
arch History 1	2710702 9:55:43 AM (clogs4 or opens4) and	-	
	engine near2 speed)) not (123/681.ccls.		
\ADDS\EAST\worken	and (estimat\$4 or calculat\$4 or		

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-	80	123/90.15.ccls. and internal near2 (EGR	USPAT;	2002/12/05
		or exhaust near2 gas near2 recirculation)	US-PGPUB;	17:03
			EPO; JPO;	
			DERWENT;	
			IBM TDB	

2	123/90.17.ccls. and (estimat\$4 or	USPAT;	2002/12/05
	calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation)	US-PGPUB; EPO; JPO;	17:08
	same valve near5 (clos\$4 or open\$4) and	DERWENT;	
	engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or	IBM_TDB	
	<pre>predict\$4) same (EGR or exhaust near2 gas</pre>		
	near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2		
	speed) not (123/568.14.ccls. and		
	<pre>(estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2</pre>		
	recirculation) same valve near5 (clos\$4		
	or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and engine near2 speed)) not (123/681.ccls.		
	and (estimat\$4 or calculat\$4 or		
	<pre>predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5</pre>		
	(clos\$4 or open\$4) and engine near2 speed		
	not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or	,	
	exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls.		
	and (estimat\$4 or calculat\$4 or		
	<pre>predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5</pre>		
	(clos\$4 or open\$4) and engine near2 speed		
	not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation)		
	<pre>same valve near5 (clos\$4 or open\$4) and engine near2 speed))) not</pre>		
	(123/568.21.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation)		
	same valve near5 (clos\$4 or open\$4) and		
	<pre>engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or</pre>		
	<pre>predict\$4) same (EGR or exhaust near2 gas</pre>		
	near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2		
	speed) not (123/568.14.ccls. and		
	<pre>(estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2</pre>		
	recirculation) same valve near5 (clos\$4		
	or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		:
	exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and		
	<pre>engine near2 speed))) not (123/301.ccls. and (estimat\$4 or calculat\$4 or</pre>		
	predict\$4) same (EGR or exhaust near2 gas		
	near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed		
	not (123/90.15.ccls. and (estimat\$4 or		
	<pre>calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation)</pre>		
	same valve near5 (clos\$4 or open\$4) and		
	<pre>engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or</pre>		
	<pre>predict\$4) same (EGR or exhaust near2 gas</pre>		
	near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed		
	not (123/90.15.ccls. and (estimat\$4 or		
	calculat\$4 or predict\$4) same (EGR or		
	exhaust near2 gas near2 recirculation) 2 same or open\$4 or open\$4) and 2710702a915 near5 (clos\$4 or open\$4) and		
1	26hgine hear24speed)) hote (123/681.ccls. and (estimat\$4 or calculat\$4 or		
kan	and (estimat\$4 or calculat\$4 or aces\PgtentSeareh wsp. e e		

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60/285.ccls. and (estimat\$4 or calculat\$4 USPAT; 2002/12/05 or predict\$4) same (EGR or exhaust near2 US-PGPUB; 17:10 gas near2 recirculation) same valve near5 EPO; JPO; (clos\$4 or open\$4) and engine near2 speed DERWENT; not (123/90.15.ccls. and (estimat\$4 or IBM TDB calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed)) not (123/681.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 orcalculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed))) not (123/568.21.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed))) not (123/301.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and ongine mear2. speed)) not (123/681.cels) and (estimats4 or calculats4 or predict\$4) same (EGR or exhaust near2 gas C:\APPS\EAST\workspaces\PatentSearch.wsp

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60/285.ccls. and (estimat\$4 or calculat\$4 USPAT; 2002/12/05 or predict\$4) same (EGR or exhaust near2 US-PGPUB; 17:11 gas near2 recirculation) same (exhaust or EPO; JPO; intake) near2 valve near5 (clos\$4 or DERWENT; open\$4) and engine near2 speed not IBM TDB (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed)) not (123/681.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed))) not (123/568.21.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed))) not (123/301.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed) not (123/568.14.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) same valve near5 (clos\$4 or open\$4) and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (EGR or exhaust near2 gas near2 recirculation) 12 game valve near5 (closs1 or open\$4) and engine hear2 speed)) hot (123/681.ccls.

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and (estimat\$4 or calculat\$4 or

-	15	"5635634" and engine near2 speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/05 18:02	
-	13	"5635634" and engine near2 speed and (exhaust near2 valv\$2 or intake near2	USPAT; US-PGPUB;	2002/12/05 18:03	

-	13	5655654 and engine hearz speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	18:02
-	13	"5635634" and engine near2 speed and (exhaust near2 valv\$2 or intake near2 valv\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/05 18:03
-	15	"3714932" and engine near2 speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/06 14:28
-	8	"3714932" and engine near2 speed and (EGR or exhaust near2 gas near2 recirculation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/06 14:30
-	11	"3714932" and (EGR or exhaust near2 gas near2 recirculation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/06 14:30
-	10	123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (internal or inner) near3 (EGR or exhaust near2 gas near2 recirculation) and valv\$2 and engine near2 speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/06 17:19
-	13	or predict\$4) same (internal or inner) near3 (EGR or exhaust near2 gas near2 recirculation) and valv\$2 and engine near2 speed	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 16:47
-	10		USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06
-	10	clos\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/08 15:37
-	14	calculat\$4 or predict\$4) same (internal or inner) near3 (EGR or exhaust near2 gas near2 recirculation) and valv\$2 and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (internal or inner) near3 (EGR or exhaust near2 gas near2 recirculation) and valv\$2 and engine near2 speed)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06
-	2	123/435.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (internal or inner) near3 (EGR or exhaust near2 gas near2 recirculation) and valv\$2 and engine near2 speed not (123/90.15.ccls. and (estimat\$4 or calculat\$4 or predict\$4) same (internal or inner) near3 (EGR or exhaust near2 gas near2 recirculation) and valv\$2 and engine near2 speed)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/12/06 17:46
_	0	"5494008" and tope near2 dead near2 center	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/12/08 15:37

	4	"5494008" and (top near2 dead near2	USPAT;	2002/12/08
		center or TDC)	US-PGPUB;	15:44
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	7	"5494008" and (EGR or exhaust near2 gas	USPAT;	2002/12/08
		near2 recirculation)	US-PGPUB;	15:58
		·	EPO; JPO;	į
İ			DERWENT;	
			IBM TDB	
_	11	"5494008" and (ignition or spark)	USPAT;	2002/12/08
			US-PGPUB;	16:27
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	13	"5494008" and air	USPAT;	2002/12/08
			US-PGPUB;	16:27
			EPO; JPO;	
			DERWENT;	
			IBM TDB	